

**Listing of the Claims:**

1. (Currently Amended) A method for ~~providing streaming information from a service provider to a mobile terminal, said method comprising the steps of:~~

~~buffering a first portion of an information stream in a first service input buffer as buffered data;~~

~~transmitting said~~receiving, at a mobile terminal, buffered data as a digital broadcast transmission burst in a time-slicing signal, the buffered data corresponding to a first portion of an information stream, said digital broadcast transmission burst having a duration smaller than the duration of said first portion of said information stream;

powering-up a digital broadcast receiver in the mobile terminal in synchronicity with the transmission of said digital broadcast transmission burst such that the mobile terminal is powered-up when said digital broadcast transmission burst is being transmitted~~received~~; and

buffering said digital broadcast transmission burst in a receiver input buffer of the digital broadcast receiver.

2. (Currently Amended) A method as in claim 1 wherein the buffered data is transmitted from said a service input buffer comprises~~comprising~~ at least one member of the group consisting of: a first-in-first-out (FIFO) buffer, an elastic buffer, a ring buffer, and a dual buffer having separate input and output sections.

3. (Previously Presented) A method as in claim 1 wherein said buffered data comprises at least one of: a predetermined amount of said information stream and an amount of said information stream received during a predetermined time interval.

4. (Currently Amended) A method as in claim 1 wherein said step of powering-up said receiver occurs a specified interval of time prior to said step of ~~transmitting~~receiving.

5. (Original) A method as in claim 4 wherein said specified interval of time comprises a member of the group consisting of: a bit-rate adaptation time, a receiver switch-on time, and a receiver acquisition time.

6. (Previously Presented) A method as in claim 5 further comprising the step of returning said receiver to said powered-down mode in response to the setting of a power-down flag in said receiver input buffer.

7. (Previously Presented) A method as in claim 6 wherein said power-down flag is set in response to said receiver input buffer reaching a specified maximum byte count.

8. (Previously Presented) A method as in claim 1 further comprising the step of powering-down said receiver a predefined interval of time subsequent to said step of powering-up said receiver.

9. (Original) A method as in claim 8 wherein said predefined interval of time comprises a time interval greater than said duration of said transmission burst.

10. (Previously Presented) A method as in claim 8 further comprising the step of returning said receiver to a powered-up mode in response to the setting of a power-up flag in said receiver input buffer.

11. (Previously Presented) A method as in claim 10 wherein said power-up flag is set in response to said receiver input buffer reaching a specified byte count.

12. (Currently Amended) A method as in claim 1 wherein ~~said step of transmitting comprises the steps of: the buffered data is encapsulated~~  
encapsulating said buffered data using a multi-protocol encapsulator to form encapsulated data; and  
~~transmitting said encapsulated data as said transmission burst.~~

13. (Previously Presented) A method as in claim 12 wherein said multi-protocol encapsulator conforms to standard EN 301192.

14. (Previously Presented) A method as in claim 12 further comprising the steps of;  
obtaining said transmission burst from said receiver input buffer; and  
stripping encapsulation from said transmission burst to form received data.

15. (Previously Presented) A method as in claim 14 further comprising the step of  
sending said received data to an application processor for conversion to an information data  
stream.

16. (Currently Amended) A method as in claim 1 further comprising the steps of:  
~~buffering a portion of a second information stream in a second service input buffer as~~  
~~second buffered data; and~~  
~~transmitting said~~receiving a second buffered data as a second digital broadcast  
transmission burst, said second digital broadcast transmission burst having a duration smaller  
than the duration of said portion of said second information stream, wherein the second buffered  
data comprises a portion of a second information stream.

17. (Currently Amended) A method as in claim 16 ~~further comprising the step of~~  
~~wherein multiplexing said~~the transmission burst ~~and with~~ said second transmission burst are  
multiplexed to produce a time-division multiplexed signal.

18. (Cancelled).

19. (Currently Amended) An apparatus mobile terminal suitable for receiving  
streaming information provided by a service provider, said mobile terminal comprising:

a digital broadcast receiver for receiving at least a first portion of said streaming  
information as a digital broadcast transmission burst;

means for powering up said digital broadcast receiver at a pre-determined powered-up  
time, wherein the pre-determined powered-up time is synchronized with the reception of the  
digital broadcast transmission burst;

a receiver input buffer for storing said transmission burst; and

means for powering down said digital broadcast receiver at a pre-determined powered-down time.

20. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 19 wherein said pre-determined powered-up time occurs a specified period of time subsequent to said pre-determined powered-down time.

21. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 19 wherein said pre-determined powered-up time occurs at the setting of a flag indicating an almost-empty byte count in said receiver input buffer.

22. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 19 wherein said pre-determined powered-up time occurs an incremental period of time prior to occurrence of said transmission burst.

23. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 22 wherein said incremental period of time comprises a member of the group consisting of: a bit rate adaptation time, a receiver switch-on time, a receiver acquisition time, and a bit-rate variation time interval.

24. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 19 wherein said pre-determined powered-down time occurs a specified period of time subsequent to said pre-determined powered-up time.

25. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 24 wherein said specified period is at least as great as said transmission burst duration.

26. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 19 wherein said pre-determined powered-down time occurs at the setting of a flag indicating an almost-full byte count in said receiver input buffer.

27. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 19 wherein said pre-determined powered-up time occurs an incremental period of time subsequent to transmission of said transmission burst.

28. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 19 further comprising an application processor for converting said transmission burst into an information data stream.

29. (Currently Amended) The ~~apparatus~~mobile terminal as in claim 19 further comprising a stream filter for stripping said encapsulation from said transmission burst.

30. (Currently Amended) The ~~mobile terminal~~apparatus as in claim 29 wherein said stream filter comprises an Internet protocol (IP) filter.

31. (Currently Amended) A ~~digital broadcasting system~~ comprising:  
~~an information service provider for providing streaming information;~~  
a transmitter system for broadcasting at least a portion of said streaming information provided by an information service provider as a digital broadcast transmission burst, said transmitter system including a service input buffer, ~~wherein;~~ and  
~~a mobile terminal for receiving said transmission burst is transmitted to a mobile terminal~~  
and the transmission of the digital broadcast transmission burst is synchronized with a powering-up of a digital broadcast receiver of the mobile terminal; said mobile terminal including a digital broadcast receiver and a receiver input buffer for buffering said transmission burst; said mobile terminal further including means for powering down said digital broadcast receiver at a pre-determined powered-down time.

32. (Currently Amended) The ~~digital broadcasting system~~ as in claim 31 wherein a first usage factor of the service input buffer is used to determine a second usage factor associated with the mobile terminal; a usage factor for said receiver input buffer is a function of a usage factor for said service input buffer.

33. (Currently Amended) The ~~digital broadcasting system~~ as in claim 32 wherein ~~when turning on said digital broadcast receiver for initially receiving a first transmission burst, the second usage factor is used to control a start-up time of the digital broadcast receiver is controlled by said usage factor for said receiver input buffer such that said digital broadcast receiver receives said first transmission burst with a minimum of delay.~~

34. (Currently Amended) The ~~digital broadcasting system~~ as in claim 31 wherein the ~~information service provider provides at least one service is provided by the information service provided via at least one information stream.~~

35. (Currently Amended) The ~~digital broadcasting system~~ as in claim 31 wherein ~~the transmission of the transmission burst is synchronized with the powering-up of the digital broadcast receiver based on a flag indicating an almost-full byte count, said pre-determined powered-down time occurs at the setting of a flag indicating an almost full byte count in said receiver input buffer.~~

36. (Currently Amended) The ~~digital broadcasting system~~ as in claim 31 wherein ~~said mobile terminal further comprises means for powering up said digital broadcast receiver at the transmission of the transmission burst is synchronized with the powering-up of the digital broadcast receiver based on a pre-determined powered-up time.~~

37. (Currently Amended) The ~~digital broadcasting system~~ as in claim 36 wherein ~~said pre-determined powered-up time occurs an incremental period of time prior to occurrence the transmission of said transmission burst.~~

38. (Currently Amended) The ~~digital broadcasting system~~ as in claim 36 wherein ~~said pre-determined powered-up time occurs a specified period of time subsequent to said pre-determined powered-down time.~~

39. (Currently Amended) The ~~digital broadcasting system~~ as in claim 36 wherein said pre-determined powered-up time occurs at the setting of a flag indicating an almost-empty byte count in said receiver input buffer.

40. (Currently Amended) The ~~digital broadcasting system~~ as in claim 31 further comprising an application processor for converting said transmission burst into an information data stream.

41. (Currently Amended) The ~~digital broadcasting system~~ as in claim 31 wherein the transmitter system further comprising comprises a multi-protocol encapsulator for encapsulating at least a portion of said streaming information.

42. (Currently Amended) The ~~digital broadcasting system~~ as in claim 41 further comprising an Internet protocol (IP) filter for stripping encapsulation from encapsulated streaming information.

43. (Currently Amended) The ~~digital broadcasting system~~ as in claim 31 wherein the transmitter system further comprising comprises:

a second information service provider for providing second streaming information; and  
a second service input buffer for storing at least an interval of said second streaming information provided by a second information service provider;

wherein said transmitter system broadcasts the contents of said second service input buffer as a second transmission burst.

44. (Currently Amended) The ~~digital broadcasting system~~ as in claim 43 further comprising a multiplexer for multiplexing said transmission burst and said second transmission burst such that said transmitter system broadcasts said transmission bursts as a time-division multiplexed signal.

45. (Currently Amended) The ~~digital broadcasting system~~ as in claim 43 further comprising a network operator input buffer.

46. (Currently Amended) A ~~transmitter system for transmitting streaming information, said transmitter system~~ comprising:

a service input buffer for receiving the streaming information from a service provider; and

a digital broadcast transmitter for transmitting said streaming information as digital broadcast transmission bursts to a remote mobile terminal at a higher bit rate than the rate at which said streaming information is received from said service provider, wherein said streaming information is transmitted in synchronization with a powering-up of the remote mobile terminal.

47. (Currently Amended) The ~~transmitter system~~ as in claim 46 further comprising a multi-protocol encapsulator for encapsulating the streaming information.

48. (Currently Amended) The ~~transmitter system~~ as in claim 46 further comprising:

a second service input buffer for receiving second streaming information supplied by a second service provider; and

a second multi-protocol encapsulator for encapsulating said second streaming information.

49. (Currently Amended) The ~~transmitter system~~ as in claim 48 further comprising a multiplexer.

50. (Currently Amended) The ~~transmitter system~~ as in claim 47 further comprising a network operator input buffer.

51. (Currently Amended) The ~~transmitter system~~ as in claim 45 wherein said digital broadcasting transmitter is responsive to said service input buffer such that if the amount of data



stored in said service input buffer meets a predetermined amount said digital broadcast transmitter transmits said data stored in said service input buffer as a transmission burst.

52. (New) The method of claim 1, wherein the streaming information comprises multimedia content.